Supplementary Table 1. MRI markers and cognitive performance over time

Variable	Baseline	Follow-up	P
MRI markers (n=264)			
Total brain volume (mL)	1,086.4±71.1	1,043.6±80.8	<0.001
Grey matter volume (mL)	620.8±49.1	599.2±51.7	<0.001
White matter volume (mL)	465.6±39.3	444.4±46.0	<0.001
WMH volume (mL)	2.2 (0.8–5.8)	4.6 (2.0–11.4)	<0.001
Lacunes	54 (20.5)	83 (31.4)	<0.001
Microbleeds	36 (13.6)	66 (25.0)	<0.001
NAWM mean diffusivity (10^{-3} mm^2/sec)	0.85±0.04	0.85±0.07	0.999
Cognitive performance (n=336)			
Cognitive index	0.19±0.68	−0.15±0.85	<0.001
Memory	0.17±0.67	−0.07±0.89	<0.001
Processing speed	0.21±0.82	−0.27±0.92	<0.001
Executive function	0.16±0.73	−0.14±0.87	<0.001

Values are presented as mean±standard deviation, median (interquartile range), or number (%). For cognitive performance z-scores based on the mean and standard deviation of the overall study population at baseline were used. Significant differences were calculated by repeated measures analysis of variance (ANOVA) for normally distributed variables and nonparametric tests.
MRI, magnetic resonance imaging; WMH, white matter hyperintensity; NAWM, normal appearing white matter.